What is claimed is:

1. A connecting device (30) for attaching a sensor means (10) relative to a glass pane (50) of a motor vehicle, the connecting device providing a contact space (32) between the sensor means (10) and the glass pane (50), the contact space (32) being sealed, and a partial vacuum being provided in the contact space (32).

2. The connecting device (30) as recited in Claim 1,
wherein a maximum amount of water vapor is provided in the contact space (32) in such a way that the relative air moisture is less than 100% under the operating conditions provided.

3. The connecting device (30) as recited in Claim 1 or 2,
wherein a dry gas is provided in the contact space (32).

4. The connecting device (30), in particular as recited in one of the preceding claims, for attaching a sensor means (10) relative to a glass pane (50) of a motor vehicle, the connecting device providing a contact space (32) between the sensor means (10) and the glass pane (50), an optically and/or a NIR-transparent (near infrared), condensed medium being provided in the contact space (32).

5. The connecting device (30) as recited in one of the preceding claims,
wherein attachment nubs (35) are provided on the surface of the connecting device (30) facing the glass pane (50).

6. A method of attaching a sensor means (10) relative to a glass pane (50) of a motor vehicle, a connecting device (30) being situated between the sensor means (10) and the glass pane (50) defining a contact space (32), and a partial vacuum being generated in the contact space (32).

7. The method as recited in Claim 6,
wherein the partial vacuum is generated by heating the inside of the contact space (32), followed by sealing of the contact space (32), and subsequent cooling of the

inside of the contact space (32).

8. The method as recited in Claim 6,
wherein the partial vacuum is generated by evacuation using an orifice (34) in the contact space (32) and by subsequently sealing the contact space (32).

9. The method, in particular as recited in one of Claims 6 through 8, for attaching a sensor means (10) relative to a glass pane (50) of a motor vehicle, a connecting device (30) being situated between the sensor means (10) and the glass pane (50), defining a contact space (32), and an optically and/or a NIR-transparent (near infrared), condensed medium being provided in the contact space (32).